```
File 347: JAPIO Dec 1976-2007/ Dec (Updated 080328)
(c) 2008 JPO & JAPI O
File 350: Der went WPI X 1963-2008/UD=200831
                (c) 2008 The Thomson Corporation
Set
                              Description
                       EMAIL OR (E OR ELECTRONIC)() MAIL

KEYWORD?? OR WORD?? OR TERM?? OR PHRASE?? OR STRING??-

(3N) CHARACTER?? OR SENTENCE??

(RELATED OR SIMILAR OR ADDITIONAL OR EXPANDED OR OTHER OR-
S1
              44215
Š2
             418235
S3
                       (RELATED OR SIMILAR OR ADDITIONAL OR EXPANDED OR OTHER OR -
SUPPLEMENTARY OR EXTRA) (5N) (INFORMATION OR DATA OR TEXT OR IM-
AGE? ? OR GRAPHIC? ? OR CONTENT? ? OR MATERIAL)

S $3(7N) (ADD??? OR INSERT??? OR INCLUD??? OR APPEND??? OR SU-
PPLEMENT OR SUPPLEMENTS OR SUPPLEMENTED OR SUPPLEMENTING)

LOCATION? ? OR AREA? ? OR GEOGRAPH? OR TOPOGRAPHIC? OR STA-
TE OR CITY OR TOWN OR (ZIP OR AREA) () CODE? ?

RECIPIENT? ? OR RECEIVER? ? OR BENEFICIAR??? OR ADDRESSEE?

OR SENDER? ? OR DISPATOHER? ? OR (SENDING OR RECEIVING) () (P-
S4
               45413
S5
           3977812
S6
            542132
                        ERSON OR USER OR PARTY)
S7
                1083
                              S2(20N)S4
S8
                              S1 AND S7
                    43
S9
                    20
                              S8 AND S5: S6
                              S9 AND PY=1963: 2003
S10
                              S9 AND AY=1963: 2003 AND AC=US
S11
                    10
                              S10: S11
S12
                    11
S13
                    23
                              S8 NOT S9
                    17
                             S13 AND PY=1963: 2003
S14
                              S13 AND AY=1963: 2003 AND AC=US
S15
                    12
                             S14: S15
S2(7N) (DETECT??? OR RECOGNIZ? OR RECOGNIS? OR MONITOR??? OR
S16
                    19
               37296
S17
                          CHECK??? OR EXTRACT??? OR PARS???)
                              S1 AND S17
                  704
S18
S19
               21467
                              S5 (7N) S6
S20
                              S18 AND S19
                        AUTOWATIC?(7N)(ADD??? OR INSERT??? OR INCLUD??? OR APPEND?-
?? OR SUPPLEMENT OR SUPPLEMENTS OR SUPPLEMENTED OR SUPPLEMENT-
S21
               74888
                        ING)
S22
                    16
                              S18 AND S21
                             $22 NOT $16
$23 NOT $12
S23
                    14
S24
                    14
                              S2(50N)S4 AND S1
S25
                    59
S26
                              S25 NOT (S12 OR S16 OR S24)
                    28
                             $26 AND PY=1963: 2003
$26 AND AY=1963: 2003 AND AC=US
S27
S28
                      5
S29
                              S27: S28
```

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File 348: EUROPEAN PATENTS 1978-2007/ 200819
(c) 2008 European Patent Office
File 349: PCT FULLTEXT 1979-2008/UB=20080508| UT=20080501
(c) 2008 W PO Thomson
Set
             Items
                           Description
                           EMAIL OR (E OR ELECTRONIC)() MAIL KEYWORD?? OR WORD?? OR TERM?? OR PHRASE?? OR STRING??
             54475
S1
Ŝ2
          1091159
                      (3N) CHARACTER? ? OR SENTENCE? ?
                           ( RELATED OR SIMILAR OR ADDITIONAL OR EXPANDED OR OTHER OR -
S3
                     (RELATED OR SIMILAR OR ADDITIONAL OR EXPANDED OR OTHER OR SUPPLEMENTARY OR EXTRA) (5N) (INFORMATION OR DATA OR TEXT OR IMAGE? ? OR GRAPHIC? ? OR CONTENT? ? OR MATERIAL)
S3(10N) (ADD??? OR INSERT??? OR INCLUD??? OR APPEND??? OR SUPPLEMENT OR SUPPLEMENTING)
LOCATION? ? OR AREA? ? OR GEOGRAPH? OR TOPOGRAPHIC? OR STATE OR CITY OR TOWN OR (ZIP OR AREA) () CODE? ?
RECIPIENT? ? OR RECEIVER? ? OR BENEFICIAR??? OR ADDRESSEE?
? OR SENDER? ? OR DI SPATCHER? ? OR (SENDING OR RECEIVING) () (PERSON OR ISER OR PARTY)
S4
            163762
S5
          1746016
S6
            368199
                      ERSON OR USER OR PARTY)
S7
                 559
                           S1 (30N) S2 (30N) S4
                           S5(7N) S6
S7(100N) S8
S8
             27484
S9
                    4
S10
                 107
                           S1/TI, AB AND S7
                           S3(10N)(ADD??? OR INSERT??? OR APPEND??? OR SUPPLEMENT OR -
             42913
S11
                      SUPPLÈMENTS OR SUPPLEMENTED OR SUPPLEMENTING)
S12
                           S1 (30N) S2 (30N) S11
S13
                  71
                           S12 NOT S9
                           S13 AND PY=1978: 2003
S14
                   43
                           S13 AND (AC=US OR AC=US/PR) AND AY=1978: 2003
S15
                  37
                           S14: S15
S16
                  49
                       IDPAT (sorted in duplicate/non-duplicate order)
S2(7N)(DETECT??? OR RECOGNIZ? OR RECOGNIS? OR MONITOR??? OR
CHECK??? OR EXTRACT??? OR PARS???)
AUTOMATIC?(7N)(ADD??PIENTERERT??? OR INCLUD??? OR APPEND?-
                   49
S17
S18
             63507
S19
             56554
                      ?? OR SUPPLEMENT OR SUPPLEMENTS OR SUPPLEMENTED OR SUPPLEMENT-
                      ING)
S20
                  18
                           S1 (50N) S18 (50N) S19
S21
                  18
                           S20 NOT S13
                           S21 AND PY=1978: 2003
S22
                  10
                           S21 AND (AC=US OR AC=US/PR) AND AY=1978: 2003
S23
                  10
                           S22: S23
S24
                  13
S25
                           IDPAT (sorted in duplicate/non-duplicate order)
                  13
S26
                 894
                           S19(7N)S3
                           S1(50N) S2(50N) S26
S27
                    8
```

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File 275: Gale Group Computer DB(TM) 1983-2008/May 15 (c) 2008 The Gale Group
File 621: Gale Group New Prod. Annou. (R) 1985-2008/May 06
             (c) 2008 The Gale Group
File 636: Gale Group Newsletter DB(TM) 1987-2008/May 15
(c) 2008 The Gale Group
File 16: Gale Group PROMT(R) 1990-2008/ May 16
(c) 2008 The Gale Group
File 160: Cale Group PROMT(R) 1972-1989
(c) 1999 The Cale Group
File 148: Gale Group Trade & Industry DB 1976-2008/May 05
(c) 2008 The Gale Group
File 624: McGraw-Hill Publications 1985-2008/May 20
             (c) 2008 McGraw-Hill Co. Inc
File
      15:ÀBÍ/Inform(R) 1971-2008/May 21
             (c) 2008 ProQuest Info&Learning
File 647: CMP Computer Fulltext 1988-2008/Apr W4
(c) 2008 CMP Media, LLC
File 674: Computer News Fulltext 1989-2006/Sep WI
(c) 2006 | DG Communications
File 696: DIÁLOG Telecom Newsletters 1995-2008/May 20
             (c) 2008 Dialog
File 369: New Scientist 1994-2008/Feb W4
             (c) 2008 Reed Business Information Ltd.
File 810: Business W/re 1986-1999/Feb 28
             (c) 1999 Business Wire
File 813: PR Newswire 1987-1999/ Apr 30
             (c) 1999 PR Newswire Association Inc
File 610: Business Wire 1999-2008/May 22
             c) 2008 Business Wire.
File 613: PR Newswire 1999-2008/May 22
            (c) 2008 PR Newswire Association Inc
Set
           Items
                       Description
                       EMAIL OR (E OR ELECTRONIC)()MAIL
KEYWORD?? OR WORD?? OR TERM?? OR PHRASE?? OR STRING??-
S1
        4310839
S2
       11424105
                  (3N) CHARACTER? ? OR SENTENCE? ?
S3
        4583991
                       (RELATED OR SIMILAR OR ADDITIONAL OR EXPANDED OR OTHER OR -
                  SUPPLEMENTARY OR EXTRA) (5N) (INFORMATION OR DATA OR TEXT OR IMAGE? ? OR GRAPHIC? ? OR CONTENT? ? OR MATERIAL)
                  AGE? ? OR GRAPHIC? ? OR ONTENT!? ? OR INTENT! AL)

S3(7N)(ADD??? OR INSERT??? OR INCLUD??? OR APPEND??? OR SU-
PPLEMENT OR SUPPLEMENTS OR SUPPLEMENTED OR SUPPLEMENTING)

LOCATION? ? OR AREA? ? OR GEOGRAPH? OR TOPOGRAPHIC? OR STA-
TE OR CITY OR TOWN OR (ZIP OR AREA)()CODE? ?

RECIPIENT? ? OR RECEIVER? ? OR BENEFICIAR??? OR ADDRESSEE?
? OR SENDER? ? OR DISPATCHER? ? OR (SENDING OR RECEIVING)()(P-
S4
S5
       18633472
S6
        1041087
                  ERSON OR USER OR PARTY)
S7
            2607
                       S1 (50N) S2 (50N) S4
                  S3(10N)(ADD??? OR INSERT??? OR APPEND??? OR SUPPLEMENT OR - SUPPLEMENTS OR SUPPLEMENTED OR SUPPLEMENTING)
S8
          132080
              680
                       S1 (50N) S2 (50N) S8
           48280
S10
                       S5 (7N) S6
S11
                       S9(100N) S10
S12
                            (unique items)
                 3
                       AUTOWATI C?(7N)(ADD??? OR INSERT??? OR APPEND??? OR SUPPLEM
S13
           51494
                  ENT OR SUPPLEMENTS OR SUPPLEMENTED OR SUPPLEMENTING)
S14
              721
                       S1 (50N) S2 (50N) S13
                    S2(7N)(DETECT??? OR RECOGNIZ? OR RECOGNIS? OR MONITOR??? OR CHECK??? OR EXTRACT??? OR PARS???)
S15
          121443
S16
               36
                       S1 (50N) S15 (50N) S13
S17
               20
                       RD (unique items)
                  (S15 OR S2(7N)(FIND??? OR DISCOVER???))(20N)S1(20N)(ADD???
OR INSERT??? OR APPEND??? OR SUPPLEMENT OR SUPPLEMENTS OR SUP-
S18
              337
                  PLEMENTED OR SUPPLEMENTING)
                  (S15 OR S2(7N)(FIND??? OR DISCOVER???))(10N)S1(10N)(ADD???
OR INSERT??? OR APPEND??? OR SUPPLEMENT OR SUPPLEMENTS OR SUP-
S19
                  PLEMENTED OR SUPPLEMENTI NG)
S20
                      RD (unique items)
S21
                       S20 NOT (S12 OR S17 OR PY=2004: 2008)
```